



For dynamic application MOTIONLINE® ADVANCED

## STANDARDS

**Product** UL and CSA approval

Hybrid cable according with DSL standard for dynamic application, PVC jacket, shielded, oil resistant, flame retardant

## CONTACT

Market information  
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Operating temp.  
-15 ... 80 °C



Storage temperature, range  
-30 ... 80 °C



Oil resistance  
EN 50363-4-1



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1

**CHARACTERISTICS****Construction characteristics**

Construction type	(4G0.5+(2x0.35)C+(2xAWG26)C)C
Conductor material	Bare copper
Insulation	Polypropylene
Insulation colour	DSL: Blue-White; Signal: Black num. 5 + Black num. 6; Power: Black num. 1-3 + Y/G
Lay Up	power cores and control pairs stranded with filler
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

**Dimensional characteristics**

Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

**Electrical characteristics**

Rated Voltage U <sub>o</sub> /U	0.6/1 kV
Test voltage	4000 V

**Mechanical characteristics**

Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	15 m/s <sup>2</sup>

**Usage characteristics**

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1